To: Burns, Francis[Burns.Fran@epa.gov]
Cc: Cynthia Caporale[Caporale.Cynthia@epa.gov]
From: Kelly, Jack (R3 Phila.)
Sent: Fri 1/24/2014 7:59:49 PM
Subject: Short write up on Fort Meade analytical assistance at Freedom Enterprise Spill

Fran, first is what Cindy provided awhile ago should you wish to use. Below is what I came up with after our call with Cindy today……

Shoot me if lousy but your deadline was unfair ;)

Below from Cindy on 1/16/14.

- Responded to inquiry from Trish Tidwell/Water Security Division asking questions why WLA not involved.

- Responded to questions from Indiana DEP Laboratory on methodology and standard material

- Responded to request to review method being used by Kentucky laboratory

- Contact R5 Lab Director to notify R5 of requests coming in

- Sent update to all Lab Directors as FYI

- Ordered standard material for MCHM and will be delivered on Friday.

- Ordered source material from Eastman Chemicals and will be delivered on Friday.

- Responded to questions from ERT (Edison and Cinn) about methodology used and availability of standard

- Requests are coming in determine if method needs validated – but no formal requests

- Plan to test material on a variety of instrumentation to determine if a method verification/validation study needs to be conducted

- John Gilbert/ERT is sending us standard material from Kentucky laboratory in case vendor product doesn't arrive tomorrow

- Responded to call from USGS Denver who is also preparing to analyze samples; USGS took river water and fish samples.

Here is what I have from our call today:

In addition to continuing coordination efforts since 1/16, the Central Regional Lab (CRL) has been working to identify analytical techniques for the single compound MCHM in water, striving to lower analytical detection limits for the compound and attempting to ensure the reliability of analytical methods employed by public utilities and other organizations. Commencing on or about 1/24/14, the CRL will use several analytical techniques to identify the constituents in the`product mixture samples collected from the tanks at Freedom Industries Poco, WV facility (this material may well not have the same compound ratios as found in the ruptured tank in Charleston). CRL also will work to identify the appropriate analytical method(s) for identifying PPH in water and attempt to attain acceptable detection limits for making public health evaluations. On 1/24, West Virginia formally requested help from EPA in reaching lower detection limits for PPH. Ft Meade is responding today.

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